RQ02001: PRINCIPLES OF CROP PRODUCTION

Total credits 2: theory 1.5 - practice 0.5 - Self-study 6

EXPECTED LEARNING OUTCOMES

Notation	Course expected learning outcomes After successfully completing this course, students are able to	Program expected learning outcomes
Knowledge		
CELO1	Analyzing the effects of soil factors, climate factors on crop agronomical characteristics and on crop yield and quality	ELO3
CELO2	Selecting the appropriate cultivation methods for specific area and crops in Vietnam based on the principles of improving crop yield and quality	ELO3
Skills		
CELO3	Designing crop rotation formulas for Red River Delta based	ELO10
CELO4	Determing nutrient requirements and designing fertilization methods for specific crops	ELO10
Ethics and Attitude		
CELO5	Take initiative in updating and accumulating knowledge and experiences to improve professional qualifications	ELO15

COURSE DESCRIPTION

- ❖ Chapter 1. Introduction
- ❖ Chapter II. Crop basics and the principles of crop production.
- ❖ Chapter III. Relation of climate – crops and the principles of improving use efficiency of climate factors
- ❖ Chapter IV. Soil properties and the principles of improving soil fertility
- ❖ Chapter V. The cultivation process and the principles of improving crop yield and quality

STUDENT TASKS

- All students taking this course must attended at least 75% lectures and 100% practical lessons.
- Read the relevant book chapter and handout before the class
- All students taking this course must complete practical exercises and report
- All students taking this course must discuss about the given topic related with course content
- All students taking this course must attend in one mid – term and one final examination in writing form

ASSESSMENT METHODS

- Grading: 10
- Average score of course is the total points of rubrics multiplied by the respective weight of each rubric.
- Formative assessment: attendance (10%) ; practical test (15%) and midterm test (15%)
- Summative assessment: Final exam/multiple choice and essay (60%)

LEARNING METHODS

- Learning in class
- Team work
- Self learning
- E-learning

LECTURERS

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